

Additional Comments:

Break down of potential cost saving and layout have been attached.

**** Portion Below This Line To Be Filled Out by MoDOT ****

Comments:

I agree with the contractor's proposal to eliminate the temporary cross-overs and Stage 2 of the construction phase. Moving traffic on to the shoulder widening of the existing NBL will allow the contractor to build the entire NBL at on time, speed up the completion of the project, and be a cost savings to the project. I believe this should be a 50/50 VE change and result in a cost savings to the Commission and PCi Roads of \$39,699.70.

Donald B. Dwyer
Submitted By Resident Engineer

12/3/09
Date

Comments:

- ☒ Approval
Recommended
- ☐ Rejection
Recommended

Becky Balth
District Engineer

12-4-09
Date

Comments:

NOT FULL OVERSIGHT

- ☐ Approval
Recommended
- ☐ Rejection
Recommended

Federal Highway Administration
Required for FHWA Full Oversight Projects

Date

Comments:

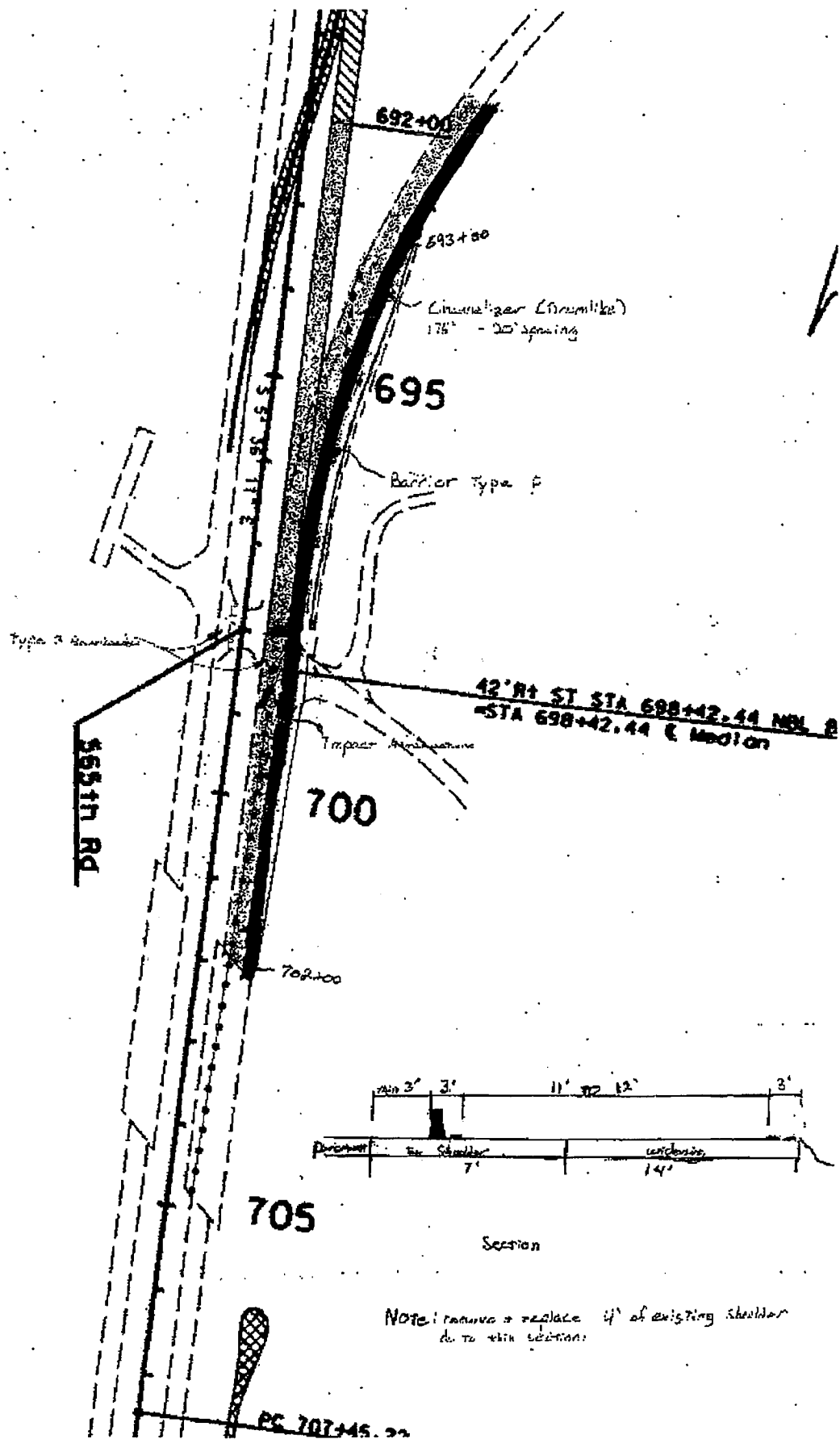
APPROVED PER DISTRICT RECOMMENDATION

- ☒ Approval
- ☐ Rejection

David D. Cooper by JGD
State Construction and Materials Engineer

12-11-09
Date

Distribution: Resident Engineer, Project Manager, District Construction & Materials Engineer, State Construction & Materials Engineer, FHWA Value Engineering Administrator - MoDOT, P. O. Box 270, Jefferson City, MO 65102



0620	Raised Pavment Marker	Type 2	\$3.00	79	<u>\$237.00</u> \$237.00
0680	Contractor Staking	Temp. Conn. #1	\$350.00	1	\$350.00
		Temp. Conn. #2	\$350.00	1	<u>\$350.00</u> \$700.00
0970	Temp Pipe	Temp. Conn. #1	\$31.00	159	\$4,929.00
		Temp. Conn. #2	\$31.00	159	<u>\$4,929.00</u> \$9,858.00

Original Plan Temp Connection

Total: \$140,118.04

Proposed Shoulder Widening Connection

			Unit Price	Quantity	Amount
500?	Shoulder Widening		\$17,438.48	1	\$17,438.48
	Grading and Removal (New Line Item)				\$17,438.48
0200	Asphalt	Widening	\$76.64	90	\$6,897.60
					\$6,897.60
0210	Asphalt	Widening	\$68.77	215	\$14,785.55
					\$14,785.55
0330	Impact Attenuators	SBL	\$4,500.00	1	\$4,500.00
0340	Replacement Sand Barrel	SBL	\$750.00	0	\$0.00
0390	Construction Signs		\$7.50	119	\$892.50
					\$892.50
0400	Channelizers	Trim Line	\$25.00	40	\$1,000.00
0420	Type III Movable Barricade	NBL	\$165.00	5	\$825.00
					\$825.00
0430	Flashing Arrow Panel	NBL	\$900.00	1	\$900.00
					\$900.00
0450	Tubular Markers	Temporary Crossovers	\$75.00	0	\$0.00
0490	Concrete Traffic Barrier, Type F	SBL	\$25.00	385	\$9,625.00
0540/0550	Preformed Removable Marking Tape	Temp. Conn. #1 8" White	\$2.60	300	\$780.00
		Temp. Conn. #1 8" Yellow	\$2.60	300	\$780.00
					\$1,560.00
0560	4 In. White and Yellow Acrylic Waterborne Pavement Marking	White	\$0.25	450	\$112.50
		Yellow	\$0.25	900	\$225.00
					\$337.50
0620	Raised Pavment Marker	Type 2	\$3.00	79	\$237.00
					\$237.00
0650	Pavement Marking Removal (Tape)		\$0.40	1300	\$520.00
					\$520.00
0680	Contractor Staking (New Line Item)		\$1,200.00	1	\$1,200.00
					\$0.00
					\$1,200.00

Proposed Shoulder Widening Connection

Total: \$60,718.63

Contract ID: 080919-801

Fed St/Pr Proj Nbr: FAF-13-2(54)

Status: Active

Primary PCN: J8P0597

District: 07

OrgCode: 7CC

Funding

☒ Federal
☐ State/Province
☐ Both

Progress Sched:

Variance Pct: .00

Desc: J8P0597 - ROUTE 13 - POLK COUNTY

Time Charges: COMPLETION DATE

Bid Days: 577

Bid Amt: \$11,124,710.53

Contract Type: Construction Project Above \$500,000

☐ Fed Oversight

☐ Local Oversight

Work Type: NEW CONSTRUCTION

Proposal Fund Type:

Spec Yr: 1996

Unit System: English

Suppl Spec Bk Yr: 1998

Alt ID:

0

0

VALUE ENGINEERING CHECK SHEET

TYPE OF WORK

(Check one that applies)

- ☐ Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☒ TCP/MOT
- ☐ Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☐ Signal/Lighting/ITS
- ☐ Misc. _____

SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

____ Build shoulder widening to eliminate the need for temporary cross-over.

SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.

____ Scan entire document.
